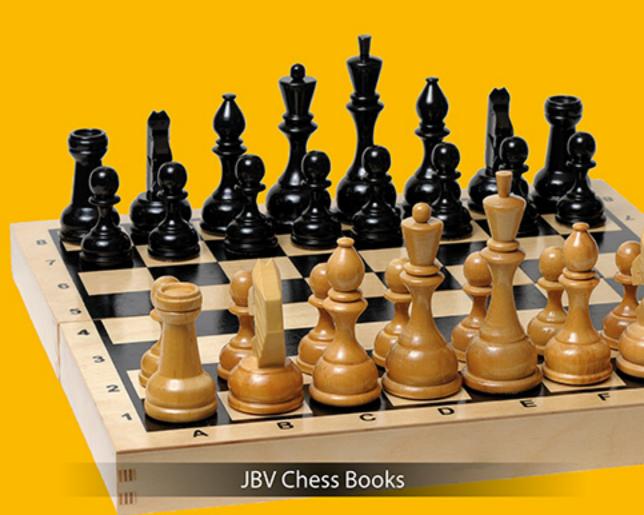
Karsten Müller

# **Typical Ruy Lopez**

## **Effective Middlegame Training**



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**JBV Chess Books** 

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## Preface

If someone decides to learn French (the language, mind you – and not the opening!), he will appropriately acquire textbooks that deal with *French* – not those that deal with *all* Roman languages or even all *European* languages.

Let's take this comparison a little further: If a dictionary is something like an opening book, then a grammar is something like a textbook for the middlegame. True, one could fill entire libraries with opening books on the subject of the French Defense alone, but what about a corresponding 'grammar'?

Of course, in every middlegame textbook there is one or the other position that is clearly recognizable as *French*, but their number is negligible in the context of Spanish, English, Russian, Italian, Dutch and so forth. And so too for all these other European languages – no excuse me – of all these other *openings* whose middle-game treatment the reader doesn't want to learn at all.

For example, isn't dealing with the issues of hanging pawns and minority attack – the author asks with good reason – just as dispensable for an e4 player as it is essential for a d4 player? – Why should a die-hard enthusiast of Indian openings care about the strategic intricacies of positions resulting from all those complicated Queen's Gambit systems? And of course vice versa: what can a player who 'by nature' avoids fianchetto openings do with all these subtleties of Indian positions?

And it is precisely this conspicuous and astounding vacuum in the area of middlegame literature that inspired me to make a appropriate attempt at improvement: If you want to learn *French* (the *opening*, mind you, and not the language!), you will get a textbook and exercise book in which only *French* is 'spoken' or played.

However, this book only deals with the Ruy Lopez – more precisely: with positions in which the white pawns on c3, d4 and e4 are opposed by black pawns on d6 and e5 – or those positions that can arise from this basic structure, as shown in detail in the overview following the preface.

And I would like to make one more important point in advance. It is an enormous challenge for every chess author to do justice to a readership with the broadest possible skill level. So it would be absurd in the field of opening and endgame literature to offer, for example, 'Sicilian Defense' or 'Rook Endgames' for players between 1400 and 1600, between 1600 and 1800, between 1800 and 2000 and so on. Accordingly, one only writes one book on the respective topic and tries to explain all important things as precisely and comprehensibly as possible – and then it is up to each individual reader how intensively he is willing to work with the books in order to achieve the greatest possible benefit.

The task becomes much more difficult with a book like this, which consists exclusively of exercises. Because if the author chooses consistently very simple or

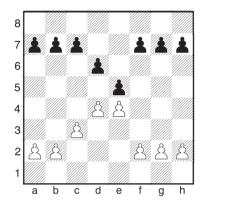
consistently somewhat more difficult examples, then in the first case more advanced players shy away because they are underchallenged – in the second case less advanced players because they feel overwhelmed.

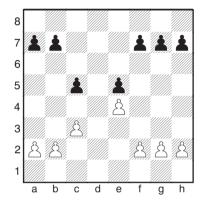
And therefore here's a good advice – regardless of your skill level. Take each task seriously, but don't let it become torture! As soon as you encounter too many obstacles or too much resistance, just take the liberty to open the solution section and turn the test book into a textbook!

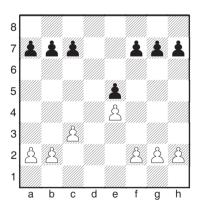
I would like to thank Rainer Woisin and Frederic Friedel from ChessBase for the great idea of working with QR Codes, Thomas Beyer for the very well done layout and – last but not least – the publisher Robert Ullrich for the overall excellent production.

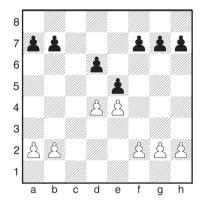
Karsten Müller, Hamburg, November 2024

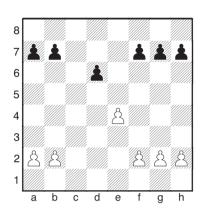
## The following pawn structures are treated

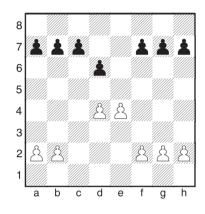


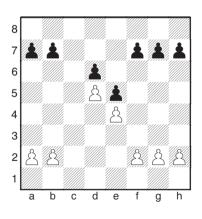


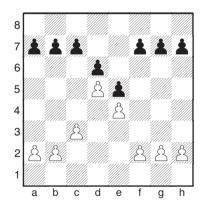


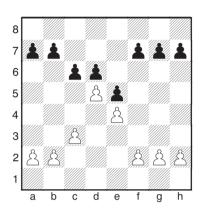


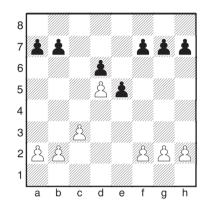


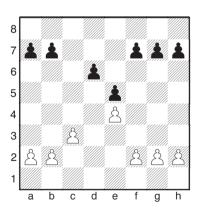


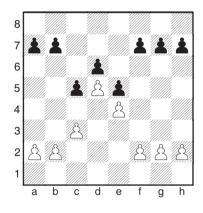








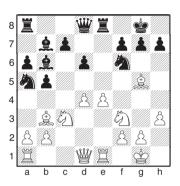




## **Exercises**

#### Concrete question (solutions from page 40)

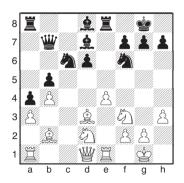




How can White prove that ②a5 was a serious mistake?

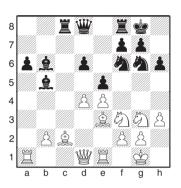


2



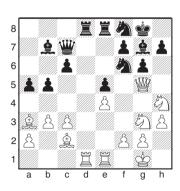
Why would the counterattack 2h5 not be a good idea?





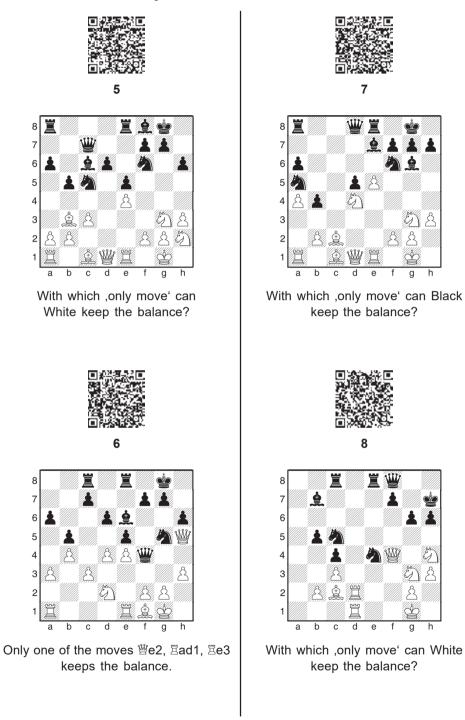
How can White get the most out of the advantageous position?





What is the best way to shake off Black's positional pressure?

**Only move** (solutions from page 45)



## SOLUTIONS

#### 1

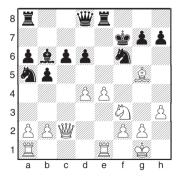
#### Perrin – Cassard France 2020

1.e4 e5 2.⊘h3 ⊘c6 3.ዿb5 a6 4.ዿa4 ⊘h6 5.0-0 b5 6.ዿb3 ዿc5 7.≅e1 d6 8.c3 ዿb6 9.h3 0-0 10.d4 exd4 11.cxd4 ≅e8 12.⊘c3 ዿb7 13.ዿg5 ⊘a5

With his last move, Black evidently wanted to ward off the massive positional threat 2d5. (In fact, he had no better choice than to accept a position that was ugly but far from lost with 13...h6 14.2x662x66 15.2d5 d5 d8 16.2xb6 cxb6 17. $2d5\pm$ .) However, he was not the only protagonist who completely failed to notice that the opponent's *knight* was by no means the *only* piece that could use the d5 square with great positional effect.

I) After 14. ②d5? 盒xd5 15. 盒xd5 c6, White continued with the (again) not very imaginative 16. 盒b3?!, whereupon Black could easily equalize with 16... ②xb3 17. xb3 h6∞.

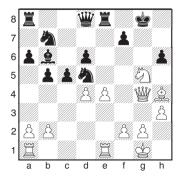
It's interesting that the hidden tactical key motif 16.ģxf7+! ☆xf7 17.c2! ...



... (given the threat e4-e5) would have resulted in splendid compensation even here – if not even in a winning position after an obvious mistake like 17...h6?? 18.e5! etc.

**III)** With **14. (a) d5!** White could have confronted his opponent with a positional dilemma.

A) If Black tries to shake off the pin with 14...h6, he is again faced with the threat △d5 after the intermediate exchange 15.愈xb7 ④xb7 and the retreat 16.愈h4 +-; e.g. 16...c5 (16...c6 17.營c1! Δe5) 17.ὦd5 g5 18.ὦxg5!! ᡚxd5 19.營g4! ...



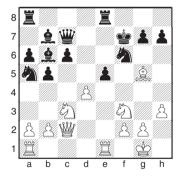
B) And if he tries to avoid the intermediate exchange on b7 with 14...c6, the resulting decommissioning of two minor pieces on the queenside now allows the sacrifice 15.≜xf7+! ☆xf7, after which the hidden tactical point 16.\"c2!+proves fatal, as can be seen from the following instructive lines:

1) After 16... \$\$\delta B 17.e5, defeat can no longer be averted even with the conciliatory counter-sacrifice 17... \$\$xd4! followed by 18.exf6 and the lines:

a) 18... Ixe1+ 19. Ixe1 &xf6 20. 2e4!

b) 18...ዿxf6 19.ℤxe8+ ∰xe8 20.ዿxf6 gxf6 21.ℤe1; 21.⊲e4 Δ∰c3

2) 16...<sup>₩</sup>c7 17.e5 dxe5



18.違xf6! (18.dxe5!? <sup>2</sup>\d7 19.e6+) 18... gxf6 19.彎xh7+ (19.dxe5) 19... 查f8 20.彎h8+ 查f7

(20...空e7 is also followed by 21.營h6! ∆dxe5 – even after 21...空d8 22.dxe5! and not 22.營xf6+?? 營e7∞.)

21.h5+ ☆g8 (Δ⊮h7)

(21...∲f8 22.∮e4; 22.dxe5)

22. 2 e4 If8 23.dxe5 fxe5 24. eg5 etc.

#### 2 Vesselovsky – Kociscak Czech Republic 2020

1.e4 e5 2.心f3 心c6 3.愈b5 a6 4.愈a4 心f6 5.0-0 愈e7 6.罩e1 b5 7.愈b3 0-0 8.c3 d6 9.h3 心a5 10.愈c2 c5 11.d4 cxd4 12.cxd4 營c7 13.心bd2 心c6 14.心b3 a5 15.愈e3 a4 16.心bd2 愈d7 17.a3 舀fe8 18.愈d3 營b7 19.b4 exd4 20.愈xd4 愈d8 21.愈b2

To 'praise' Black's position on at least one point, one could mention that the brutally backward isolani on d6 cannot come under serious pressure in the foreseeable future. However, there's the interrupted rook connection with a latent back rank weakness – and above all the ineffectively positioned 'fianchetto queen', which at least makes itself useful by safely protecting the second latent pawn weakness on b5.

In view of the bishop pair threateningly aiming at Black's king position, the step into an unprotected position on the rim with **21...**心**h5??** must clearly be called suicidal.

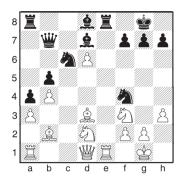
After the simple safety measure 21...②e5 22.③xe5 dxe5, the threatening bishop pair would be neutralized and after 23.營e2, White would have at most a minimal advantage.

After the resolute response **22.e5!** the entire dormant power potential was suddenly wide awake. Now the alternatives to the game continuation **22...d5** would have been even worse.

1) 22...④f4

a) 23.ऄe4 ऄxe5 (23...ऄxd3? 24.蠻xd3) 24.ॾxe5 ॾxe5 25.ऄxe5 dxe5 26.ॾॖf1+-

**b)** 23.exd6!?

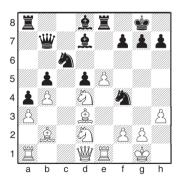


- 23...<sup>(2)</sup>xd3 24.<sup>□</sup>xe8+ <sup>(2)</sup>xe8 25.<sup>™</sup>e2+- 23...<sup>(2)</sup>gf6 24.<sup>□</sup>xe8+ <sup>□</sup>xe8 25.<sup>(2)</sup>xf6 <sup>(2)</sup>xd3
26.<sup>™</sup>c2+-

- 26….ົ∕⊇f4 27.ົ⊘g5 ⁄⊇g6 28.∕⊇de4!

- 26...创de5 27.创xe5 (27.创g5 创g6 28.创de4!) 27...创xe5 28.奠xe5 Ξxe5 29.Ξc1; 29.嚉c7

In the game, White missed the strongest continuation of the attack with **23.**②**g5!**, which would have resulted in a more or less clear winning position in all lines. Instead, after 23.②d4? ②f4 …



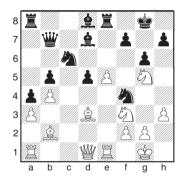
... he had to be satisfied with 24.22f3and a minimal advantage, because he may have realized too late that 24.2xb5?would even turn out in *Black's* favor after 24...2xd4! ( $24...2xe5\infty$ ) 25.2xd7 2fe2+26.2xe2 2xe2+ 27.2xe2 2fa+wath the satisfied of the sati I) 23... ĝxg5 24. ∰xh5 ∆24... ĝxd2?
(△24...h6/ ĝh6 25. ∅f3!) 25. ∰xh7+ ∲f8
26.e6+- e.g. 26... ĝxe6 27. Ξxe6+
(27. Ξe2) 27... ∲xe6 28. Ξd1

**II) 23...g6 24.∕∆df3** ∆∰d2 (24.∕∆xh7?? ∕∆f4∓)

A) 24...h6? 25.ዿxg6 (25.e6; 25.⊘xf7) 25...fxg6 26.≝xd5+

B) 24.... 2g7 25. 25. 25. 25. 25. 25. 8 c1; 25. e6!?

C) 24.... 14 25.e6!



**1)** 25...ዿੈxe6 26.ዿੈf1 Δ∰d2

**2)** 25...fxe6 26.ģb1! Δg3; 26.g3!? ⊠xd3 27.∰xd3

3) 25...<sup>2</sup>xe6 26.<sup>2</sup>xe6 <sup>2</sup>xe6

27.¤xe6

a) 27...fxe6 28.\"c2; 28.\"e2

b) 27...ዿxe6 28.₩e2 Δ28...Ξb8 29.Ξc1

#### 3

### Gasa – Wagner

#### Austria 2020

1.e4 e5 2. $2\sqrt{13}$   $2\sqrt{16}$  3. $2\sqrt{15}$  a6 4. $2\sqrt{16}$ 5.d3 b5 6. $2\sqrt{13}$   $2\sqrt{15}$  7.c3 d6 8.h3 h6 9.0-0 0-0 10.a4  $2\sqrt{11}$ . $2\sqrt{15}$  11. $2\sqrt{15}$  12. $2\sqrt{15}$  12. $2\sqrt{15}$  13. $2\sqrt{15}$  14. $2\sqrt{11}$  12.6 15. $2\sqrt{13}$  267 16.d4 cxd4 17.cxd4  $2\sqrt{16}$  18. $2\sqrt{15}$  2c8 19.axb5  $2\sqrt{15}$  Given his space advantage and his overall more active piece position, White has achieved a considerable opening advantage, since Black must keep the latent weaknesses on a6 and especially d6 under control. However, White must not proceed too leisurely, as this could potentially lead to the transformation of the center with d6-d5 or exd4 followed by d6d5.

The strongest continuation is the advance **20**. 2f5!, which not only targets the latent weakness on d6, but also the sacrifice complex on h6-g7 that is typical for this type of position.

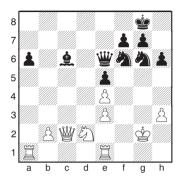
- However, the systematic approach 20. $\mathbb{B}d2!? \Delta\mathbb{Z}ad1$  is also good for a solid minimal advantage.

On the other hand, after the game move
 20.<sup>1</sup>/<sub>2</sub>d3, Black could have maintained
 the balance with 20...<sup>1</sup>/<sub>2</sub>e8∞.

Now the disruptive move **20... 2a5** represents the greatest challenge for White's attacking play, because it forces an exchange of material and thus leads to a certain relief – or rather: it *seems* to force all these things.

**1)** 20... $\underline{B}$ c7?! 21. $\underline{2}$ b1±  $\Delta \underline{B}$ d2 would be less good, because after 21... $\underline{2}$ a5 the game would continue with 22. $\underline{\Xi}$ xa5! analogous to the main line.

**2)** However, 20...≅e8!? 21.dxe5 dxe5 22.ὦd6 ዿxe3 is of interest:

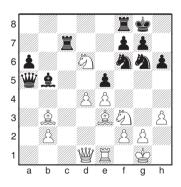


... White's advantage is hardly beyond the minimum range, especially since the two extra exchanges are opposed by the horrendous king position. For illustration, the main threat is 28... h4+ $\Delta 29. \textcircled{}g3$  (29. h2 d7!) 29... h5+!30. xh4? g5+ 31. xh5 mxh3#.

#### 21.⊠xa5!

Of course, White has to continue like this, because after 21.愈d2? 愈xd2 22.鬱xd2 營b6 he would be left almost empty-handed (as in the game).

**21...增xa5 22.**∕Ω**xd6 ጃc6** After 22...ጃc7 23.ዿb3± ...



... White also dominates the game, as two cautionary examples may prove:

1)23...≅d7?(⊃23...थेd7)24.थेxe5! थxe5 (24...≅xd6 25.थेxg6) 25.≩d2! थf3+ 26.gxf3+-

2) 23…≊d8? 24.ඕxf7!≊xf7 25.ዿxf7+☆xf7 26.∰b3+ ☆f8 27.ዿd2! ∰a4 28.ዿb4+ ֎e7 29.c3!+-

23.∕ົ∆f5!±

But not 23.dxe5? ⓐxe5! 24.ⓐxe5 ﷺxd6 oder 24...鼍xc2 with unclear complications.

l) 23...曾b4 24.曾b1 ∆24...Ξfc8 25.皇d2 曾f8 26.皇b3 (26.皇c3? ☱xc3!) 26...�d7 27.皇d5; 27.h4!?

II) 23...宮d8 24.奠d2 鬯c7 25.奠b3

25.ዿc3? ≅xc3 26.bxc3 ⊮xc3∞

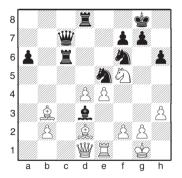
A) After 25... 2c4 (25...exd4 26.e5)
26. 2xc4 Exc4 27.b3 all rook moves are more or less unsatisfactory.

1) 27...≌c6 28.⊮a1!

2) 27...<sup>II</sup>c2 28.<sup>1</sup>/<sub>2</sub>a5

3) 27...<sup>2</sup>cxd4 28.<sup>3</sup>3xd4; 28.<sup>3</sup>5xd4

B) 25...දූd3 26.ඕxe5 ඕxe5



1) 27.dxe5? ໍ≜c2! (27...'<sup>™</sup>xe5? 28.ዿxh6!) 28.<sup>™</sup>c1 <sup>(</sup>∆xe4∞; 28...ዿxb3? 29.<sup>™</sup>xc6±

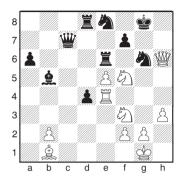
2) ∩27.ģf4! ģxe4 28.ģxe5

III) 23...鬯c7 24.覍b1! 営d8

24...exd4 25. 3xd4 2d8/2c5 26. 4f3

25.₩d2 (25.≜d2; 25.d5) 25...exd4

#### 25...<sup>6</sup>∕∂e8 26.d5 <sup>⊠</sup>f6 27.b4

And now the typical sacrifice attack on the opponent's king (mentioned at the beginning)can still be launched: 26.皇xh6! (26.④3xd4) 26...gxh6 27.營xh6 ②e8 28.e5 

... ∆29...∕∆f8 30.⊠g4+ ⊠g6 31.e6! ⊠xg4 32.hxg4; 32.exf7+

B) And 28...d3 29.e6! এc4 is not followed by 30.exf7+? ☆xf7∞, but by the studylike maneuver 30.e7! ☆xe7 31.營g5+ ☆g6 32.☆e7+ ☆g7 33.�xc6 d5 34.�ce5 etc. with a rather healthy extra pawn and a corresponding advantage.

#### 4

#### Schöne – Rogozenco Germany 2020

1.e4 e5 2. 13 13 26 3. 25 a6 4. 2a4 16 5.0-0 b5 6. 25 2e7 7.프e1 d6 8.c3?! 0-0 9.h3 2b7 10.d4 12. 20 20 20 20 12. 22 프e8 13. 12. 12. 26 15.b3 c6 16. 2a3 빨c7 17. 빨d2 a5 18. 프ad1 프ad8 19. 빨g5 2g7 20. 2h4 2f8 21.dxe5 dxe5

The aforementioned 'positional pressure' is based on the clear strategic plan of making the d4 square accessible with c5 and b4 and then occupying it with be d4. Since White's minor pieces are too unfavorably positioned to prevent this in the long term, the question remains whether they are in a favorable position for anything in the sense of *counterplay*.

1) In the game, White relied on the counter-strategy of immediately elimi-

nating the dangerous knight with **22.@xf8?**, instead of having to capture it later on d4 and thus giving the opponent a protected central passed pawn.

#### 22...ጃxf8?

After the pointed intermediate move 22...h6! followed by 23.<sup>w</sup>e3/<sup>w</sup>c1 and only then 23...<sup>a</sup>xf8, Black would have retained a solid minimal advantage because he could use the bishop pair to exploit the advancing pawns on the queenside without being disturbed by counterplay. After this omission, White still has the opportunity to carry out the relieving move that was actually already required earlier.

#### 

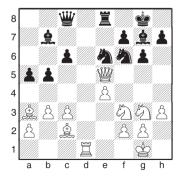
- 23…ዿc8 24.∅xg7 ชxg7 25.∅f3; 25.∅f5+!?

#### 24.⊠xd1 gxf5 25.∕∆xf5 ∕∆e8 26.⊠d8 f6 27.∰d2 ∲h8?

After this mistake (instead of  $27...c5^{\infty}$  $\Delta 28.\Xi d7 ext{ @b6}$ ), White could have obtained a significant advantage with **28.** $\Xi d7$ **@b6 29.** $\Delta xg7 advec xg7 30.$ **@d6 \Xi g8 31.@xf6 \& c8 32.** $\Xi d6.$ 

2) As already indicated, the correct approach was 22.创hf5!

After 22.⊘f3?! ⊘e6! Black still has a minimal advantage, as after the blunder 23.∰xe5?? (∩23.∰e3) and the further moves 23...Ξxd1 24.Ξxd1 ∰c8!-+ ...

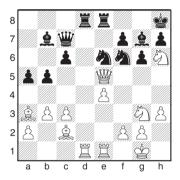


... the queen cannot escape the threatening discovered attack in a satisfactory way; e.g. 25.營d6 盒f8 26.營e5 盒xa3 Δ26.營xf6? (△26.公f5 gxf5 27.營xf6) 26...逾e7 27.營e5 f6.

#### 22...∕වe6

After 23...gxf5?? 24.ዿੈxf8! ☆xf8/ጃxf8 25.剡xf5, Black can resign.

23.∕ඞh6+ ✿h8 (23...ዿੈxh6 24.৺xh6∞) 24.৺xe5!



a) 24...增xe5?! 25.වxf7+ ☆g8 26.වxe5 වh527.≅xd8≅xd828.වxh5 &xe529.වg3 &xc3 (29...≅d2 30.≅e2) 30.≅d1 ≅xd1+ 31.&xd1±

b) 24... âxh6?! 25. <sup>™</sup>/<sub>2</sub>xc7 <sup>™</sup>/<sub>2</sub>xc7 26. <sup>™</sup>/<sub>2</sub>xd8
<sup>™</sup>/<sub>2</sub>xd8 27. âe7 <sup>™</sup>/<sub>2</sub>d2 28. âxf6+ <sup>Å</sup>/<sub>2</sub>g8 29. <sup>™</sup>/<sub>2</sub>e2±;
29. âb1

c) 24...Ξxd1 25.Ξxd1 ዿxh6 26.ຶ xf6+ ዿg7 27.ຶ f3 c5≌

#### 5

#### Liepold – Wiesinger Germany 2020

1.e4 e5 2.应f3 心c6 3.힕b5 a6 4.힕a4 心f6 5.0-0 힕e7 6.필e1 b5 7.힕b3 d6 8.c3 0-0 9.h3 힕b7 10.d4 필e8 11.心g5 필f8 12.心f3 필e8 13.心bd2 힕f8 14.힕c2 心b8 15.d5 c6 16.dxc6 힕xc6 17.心f1 h6 18.心g3 心bd7 19.힕b3 啣c7 20.心h2 心c5

The fact that the development lead has already reached a point where Black has

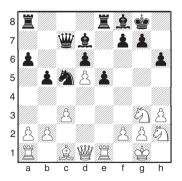
a first concrete threat indicates that something must have been more or less inaccurate on White's side. And on closer inspection, Black even has a *second*, albeit only *positional*, threat, since the breakthrough d6-d5 is of course not comparable to the impending win of a pawn. All in all, it should be clear that White can no longer afford any inaccuracy if he wants to avoid ending up with an irreversible disadvantage.

I) White could have avoided the not only inaccurate, but already clearly faulty continuation **21. @d5?** (jokingly speaking) based on the following very general consideration: It's simply not compatible with chess logic that the proud 'Spanish bishop' takes up almost a third of the opening moves and then offers himself for exchange for a *knight*. – However...

#### 21....覍xd5?

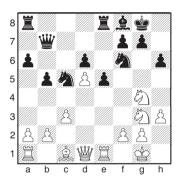
... Black also limited his calculations to the (incorrect) result that the text move still wins a pawn.

The correct (and again *positional*) approach 21...∕∂xd5 22.exd5 ዿd7∓ ...



... would have led to a bizarre kind of opening metamorphosis (given the shift in the pawn position with the resulting majorities and minorities) since the given structure is not uncommon in the Sicilian Sveshnikov Variation. And since Black's 4-3 majority in the right half of the board can be used more effectively, White must always reckon with its advance; e.g. 23. $\underline{B}$ c2  $\underline{B}$ c8  $\Delta$ f5 (23...e4) 24. $\underline{2}$ e3 f5 25. $\underline{2}$ xc5 dxc5 with the threat e4 and a clear advantage.

After the game continuation **22.exd5** 營**b7** Black had probably missed the point **23. ②g4!** …



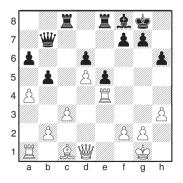
... which leads to the long-term discussion of a standard tactical motif – namely the possible overloading of the g7 pawn in view of the squares on h6 and f6.

#### 23...∜Ωcd7!

23...<sup>[Δ</sup>xd5?! 24.≜xh6! Δ24...gxh6? 25.<sup>m</sup>xd5±; □24...Ξe6∞

#### 24.ඕxf6+ ඕxf6 25.ඕe4! ඕxd5

The alternative 25...<sup>6</sup>∆xe4 26.<sup>2</sup>/<sub>2</sub>xe4 <sup>2</sup>/<sub>2</sub>ac8 does not lead to any significant advantage after 27.a4! ...



### Index of sources

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### About the author

GM Dr. Karsten Müller was born on November 23<sup>rd</sup>, 1970 in Hamburg. He studied mathematics and received his doctorate in 2002. From 1988 to 2015 he played for the 'Hamburger SK' in the German 'Bundesliga' and in 1998 he was awarded the title of Grandmaster.

The busy and globally recognized endgame expert was named 'Trainer of the Year' by the German Chess Federation in 2007



He is the author (or co-author) of the following highly esteemed works:

- Secrets of Pawn Endings (with Frank Lamprecht, Everyman/GAMBIT 2000)
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- The Magic of Chess Tactics 2 (with C.D. Meyer, Russell 2017)

His excellent series of ChessBase–DVDs Chess endgames 1–14 also attracted attention.

Müller's popular column Endgame Corner was published at '<u>www.ChessCafe.com</u>' from January 2001 until 2015, and his column Endgames is published in Chess-Base Magazine since 2006.

To date, numerous of his books have been published by JBV Chess Books (Joachim Beyer Verlag) – a total of 25 in German and the following titles also in English:

- Magical Endgames (together with Claus Dieter Meyer)
- The Human Factor in Chess (together with Luis Engel)
- The Best Endgames of the World Champions Vol. 1 + 2
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